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Sent: Friday, February 22, 2013 1:07 PM
To: Hanchett, James (DPH)
Subject: Today in Separation Science - Latest Issue of GC & MS Solutions


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Issue 33
Split Sample Introduction – Part 1: Background and Split Ratio
Anyone who analyses samples by capillary gas chromatography has most likely used a split inlet. Although simple in concept, there are a few things to keep in mind to get the best analytical results possible.
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Issue 25
Ion Mobility Spectrometry: A Primer
Ion mobility spectrometry (IMS), by itself has found a niche in many areas including security screening, environmental monitoring, military applications, and analytical laboratory use. The technique is not mass spectrometry, however it is related to MS by the fact that IMS does perform separation of ions. IMS is available coupled with mass spectrometry as a hybrid instrument (IMS-MS). Therefore it is important for the modern mass spectrometrists to have some background in the fundamentals of the technique.
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Published by Eclipse Business Media Ltd
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